

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-099408

(43)Date of publication of application : 07.04.2000

(51)Int.Cl.

G06F 12/16

G06F 3/06

G11C 16/02

(21)Application number : 10-269327

(71)Applicant : NEC CORP

NEC TELECOM SYST LTD

(22)Date of filing : 24.09.1998

(72)Inventor : NISHIKAWA SHUJI

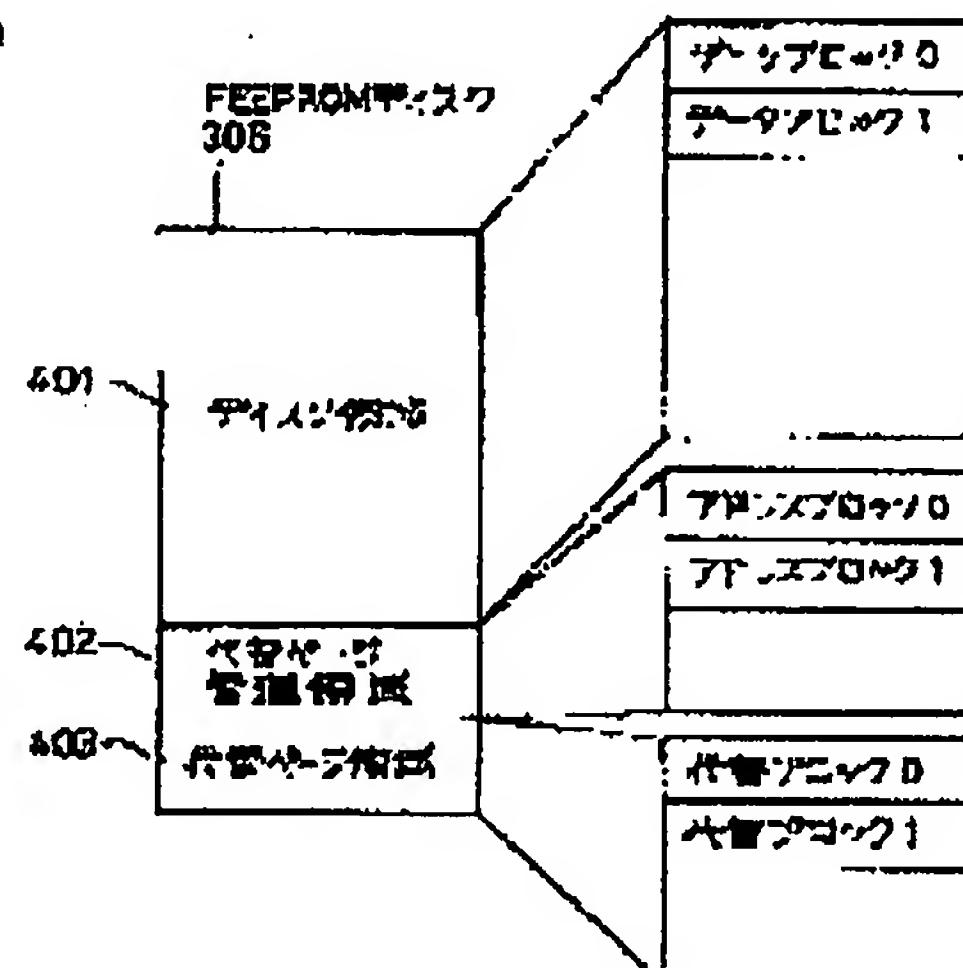
TAKAHASHI JUNJI

(54) SYSTEM AND METHOD FOR MANAGING EEPROM DISK AND RECORDING MEDIUM RECORDING CONTROL PROGRAM THEREFOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an EEPROM disk managing system capable of prolonging the service life of a memory even without providing any special circuit inside a disk device.

SOLUTION: An EEPROM disk 306 is composed of three areas of a disk area 401 for storing data blocks to be managed by this filing system, a substitutive page managing area 402 for storing an address block to write the address of the data blocks in the rewritten disk area and a substitutive page area 403 for storing substitutive blocks to write the data blocks to be rewritten. For the read/write request of data block from the filing system to the disk area 401, a device driver provided outside the disk 306 checks the substitutive page managing area 402, judges whether it is the read/write to the disk area 401 or the substitutive page area 403 and performs the read/write control in the relevant area.



LEGAL STATUS

[Date of request for examination] 24.09.1998

[Date of sending the examiner's decision of rejection] 17.04.2001